

SPECIFICATION SHEET

VERSION 3 VERSION DATE 19/09/22 PRINT DATE 03/08/25

PRODUCT	AMBRETTOLIDE
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	OXACYCLOHEPTADEC-10-EN-2-ONE
SYNONYMS	(10E)-OXACYCLOHEPTADEC-10-EN-2-ONE, HEXADEC-9-EN-1,16-LACTONE,TRANS-DELTA(9)-ISO
FORMULA	C ₁₆ H ₂₈ O ₂
MOLECULAR WEIGHT	252,39
CAS	28645-51-4
CAS 2	63286-42-0
EINECS	249-120-7
FEMA	4145
CoE	180B
FDA	172.515
TARIFF NUMBER	2932209090

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ASPECT AT 20°C	SLIGHT VISCOUS CLEAR LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	FLORAL, MUSKY, SWEET, PLEASANT
TASTE	MUSK SEED OIL, RIPE, BLACKBERRY
DENSITY AT 20°C (g / ml)	0,945-0,955
DENSITY 25/25	-
REFRACTIVE INDEX n _D 20	1,4760-1,4820
REFRACTIVE INDEX n _D 25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	-
FLASH POINT (°C)	97
ASSAY (% GC)	> 98 (SUM OF ISOMERS); MAJOR PEAK TRANS>97%
ACID VALUE (mg KOH/g)	-
SOLUBILITY	NEARLY INSOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	1:1 v/v ETHANOL 96°
OTHER TECHNICAL DATA	HEXADEC-9-EN-1,16-LACTONE > 97% (trans, (10E)-OXACYCLOHEPTADEC-10-EN-2-ONE, TRANS-DELTA(9)-ISOAMBRETTOLIDE).

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE. IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS. THIS PRODUCT HAS NOT BEEN FILTERED DUE TO TECHNICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.

PRODASYNTH SAS

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